

KEPKA, M., inz.; PUNCOCHAR, Zd., inz.; VEQELY, J., inz.; KECLIK, V., inz.; BECVAR, J., inz.; RANT, Pavel, inz.; CHVOJKA, Jan, inz.; SOMMER, B., inz. KALIVODA, A., inz.; HRBEK, A.

Information on metallurgy. Hut listy 18 no.3:207-223 Mr '63.

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Z/034/60/000/09/002/004  
E073/E535

AUTHOR: Kalivoda, Aleš, Engineer

TITLE: Determination of the Coefficient of Activity of Carbon  
in Alloy Ferrite

PERIODICAL: Hutnické listy, 1960, No.9, pp.687-689

TEXT: For measuring the carbon activity the author used a  
method proposed by Hillert (Ref.6), according to whom the carbon  
activity in cementite and ferrite in the equilibrium state can be  
expressed by means of the equation

$$\frac{a_c \text{ pure cementite} + \alpha}{a_c} = 0.0553 \cdot \exp. 6900/RT$$

and the ratio of the activity of the carbon in a mixture of the  
alloy cementite and ferrite to that of a mixture in pure cementite  
can be calculated by means of the equation

$$\frac{a_c \text{ cementite} + \alpha}{a_c \text{ pure cementite} + \alpha} = -y(4F - 3) \quad (1)$$

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Determination of the Coefficient of Activity of Carbon in Alloy  
Ferrite

where  $y$  is the content of the alloying element in the ferrite (gram molecule weight fraction),  $F$  is the ratio of the gram molecule weights of the alloying elements in the two phases. This equation was derived by Hillert on the assumption that a ternary alloy forms a diluted solution and that for a second component (the alloying element in the given case), the Henry law applies. For the experiments four steels with a carbon content of about 0.4% were chosen which were alloyed each time with about 2% of one of the following elements; manganese, silicon, chromium and nickel, whilst the other elements were contained in as small a quantity as practicable (Table 1). It was found that manganese, and particularly chromium, reduce considerably the activity of carbon as compared to a pure Fe-C alloy, i.e. these elements reduce the quantity of "free" carbon which is capable of interacting. However, nickel does not influence the activity of the carbon as compared to a Fe-C alloy and its influence on the carbide reaction is negligible. For the given content, silicon increases the

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L 21452-66 EWP(w)/T/EWP(t)/EWP(k) JD/HW

ACC NR: AP6011967

SOURCE CODE: CZ/0057/65/000/003/0119/0122

AUTHOR: Kalivoda, Ales (Engineer; Candidate of sciences)ORG: VZU-NHKG, Ostrava

TITLE: Changes in mechanical properties of spirally welded pipes due to cold deformations

SOURCE: Hutnik, no. 3, 1965, 119-122

TOPIC TAGS: material deformation, solid mechanical property, pipe, plastic deformation, steel, weldability

ABSTRACT: Experiments showed that the plastic deformation in pipe production increases the strength of the material, but at the same time the elongation is reduced by about 4%, and the notch strength is reduced by 25%, while the brittleness increases. Welding properties were not influenced. Two kinds of steel were used in the experiments. First containing: 0.26% C, 0.44% Mn, 0.04% P and 0.052% S; the second: 0.13% C, 0.48% Mn, 0.3% Si, 0.018% P, and 0.024% S. Orig. art. has: 5 figures and 1 table. [JPRS]

SUB CODE: 11, 20 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

Card 1/1

Z/034/61/000/002/003/006  
E073/E535

AUTHOR: Kalivoda, Aleš, Engineer

TITLE: Retained Austenite

PERIODICAL: Hutnické listy, 1961, No.2, pp.135-138

TEXT: According to the results of Castleman, Averbach and Cohan (Ref.1) and Bailey and Harris (Ref.2), retained austenite has an unfavourable influence on quenched and even on tempered specimens; its decomposition products lower some of the mechanical properties, particularly the notch impact strength. In view of the importance of this problem, the author has studied retained austenite by means of a magnetometer for the case of tempering of steels tempered up to 400°C, i.e. in the range of the so-called low temperature temper brittleness. The aim was: 1) to verify the quantity of retained austenite in steel of a given type as a function of the austenization temperature; 2) to determine the quantity of retained austenite as a function of the conditions of cooling during quenching; 3) to study the decomposition of the retained austenite during tempering as a function of the hardening conditions; 4) to evaluate the factors affecting the stabilization of retained austenite. The retained austenite was evaluated by apparatus of the same type as Card 1/6

Retained Austenite

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that described by Shteynberg and Zyuzin (Ref.3), i.e. a magnetometer in which, after initial demagnetization of the specimen, the residual magnetic phase is determined on the basis of the e.m.f. generated by the specimen after magnetization. For measuring the retained austenite, Cr-Ni-Mo (ČSN 16341) constructional steels were chosen, which were smelted in 50 kg high frequency furnaces with basic linings. Cast ingots were forged into rods of 20 and 8 mm diameter, respectively; the rods of 8 mm diameter were cut into thirteen 70 mm long pieces and quenched by various methods as enumerated in Table 1. For hardening, the rods were heated to the desired temperature with an accuracy of  $\pm 3^{\circ}\text{C}$ . Following that, they were cooled, either suspended in air or by immersion into an appropriate bath. After hardening, two 3 x 30 mm specimens were prepared from each rod for determining the retained austenite, which was measured twice for each specimen, i.e. four times for each alternative heat treatment. Then, the specimens were tempered gradually at 50, 80 and 100°C in a water bath, at 150 and 200°C in an oil bath and at 250, 300, 350 and 400°C in an air furnace (inside sealed silicon tubes to prevent decarburization).

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Retained Austenite

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The tempering time was four hours. The quantity of retained austenite was determined at 20°C after each tempering. The influence of the hardening temperature, of the speed of quenching, of the temperature of the quenching bath on the quantity of the retained austenite and the nature of the decrease in the quantity of retained austenite for all the tested variants of the heat treatment are plotted in Fig.2, which gives the quantity of retained austenite, %, as a function of the tempering temperature, °C; the numbering of the curves corresponds to that of Table 1. On the basis of the obtained results, the following conclusions are arrived at:

1. With decreasing cooling speed a greater quantity of retained austenite will form. The retained austenite can be entirely eliminated by intensive quenching followed directly by cooling in liquid nitrogen.
2. During tempering the retained austenite is stable up to 200°C; decomposition occurs to a maximum extent in the range of 250 and 300°C and exceptionally at higher temperatures. Retained austenite which has been stabilized by quenching in an oil bath

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Retained Austenite

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of 200°C will not decompose even at 400°C.

3. An increase in the quenching temperature during quenching in water, in air and in a bath at a temperature of 100°C has no effect on the quantity of retained austenite; quenching in a 200°C oil bath results in a pronounced increase of the quantity of retained austenite.

4. The experimental results prove that martensite occurs as a result of nucleation of the defects of the austenite lattice. Defects in the austenite lattice, which are advantageous from the point of view of martensite nucleation, occur either during quenching or during slow cooling. If, during slow cooling, suitable new defects do not arise, the defects that are present during equilibrium austenitization will manifest themselves. There are 2 figures, 1 table and 12 references: all non-Czech.

ASSOCIATION: Výzkumný a zkušební ústav NHKG  
(Research and Test Institute NHKG)

SUBMITTED: September 8, 1960

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Retained Austenite

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Table 1

Heat Treatment of the Specimens used in Measuring  
Retained Austenite

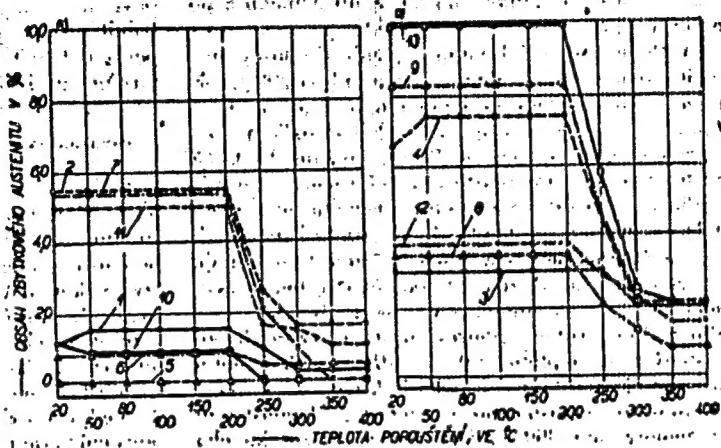
1	820°C/1 h/water + 10% NaOH (20°C)
2	820°C/1 h/in air, freely suspended
3	820°C/1 h/water 100°C/10 h/air
4	820°C/1 h/oil 200°C/24 h/air
5	880°C/1 h/water + 10% NaOH/0°C/1 min/nitrogen-193°C/3h
6	880°C/1 h/water + 10% NaOH (20°C)
7	880°C/1 h/in air, freely suspended
8	880°C/1 h/water 100°C/10 h/air
9	880°C/1 h/oil 200°C/24 h/air
10	1000°C/1 h/water + 10% NaOH (20°C)
11	1000°C/1 h/in air, freely suspended
12	1000°C/1 h/water 100°C/10 h/air
13	1000°C/1 h/oil 200°C/24 h/air

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Retained Austenite

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Fig. 2



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KALIVODA, Ales, inz.

Retained austenite. Hut listy 16 no.2:135-138 7 '62.

1. Vyzkumny a zkusebni ustav, Nova hut Klementa Gottwalda.

KALIVODA, A., inz.

" orium in low-carbon deep-drawing steel" by D.A.Livinenko.  
Reviewed by A.Kalivoda. Hut listy 19 no.9:674 S '64.

KALIVODA, František, inž. ČS.; RUGINA, Jiří, inž.

Feasibility of structural steels for long-distance gas lines at temperatures reduced to minus 20° C. Zpráva [J. et al. (0.353-29) 0-164.

1. Research and Testing Institute, Nová huť Slovenská hutnická National Enterprise, Ostrava.

KALIVODA, Ales, inz., C.Sc.

Dillatometric examination of the drawing of alloyed martensite.  
Hut listy 17 no.8:569-573 Ag '62.

1. Vyzkumny a zkusebni ustav, Nova hut Klementa Gottwalda,  
Ostrava-Kuncice.

L 34912-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP6026594

SOURCE CODE: CZ/0034/66/000/002/0123/0127

AUTHOR: Kalivoda, Ales (Engineer; Candidate of sciences)

ORG: VZU NHKG, Ostrava-Kuncice

TITLE: Production of steel according to DIN 17100

SOURCE: Hutnicke listy, no. 2, 1966, 123-127

TOPIC TAGS: steel industry, metallurgic process

ABSTRACT: The author investigated the problem of producing steel in accordance with DIN 17100 at the Nova Hut Works. The basic process is conducted according to CSN Class 11; details of adjustments to this process are described. Angle iron and bars were successfully produced. Czechoslovak standard construction steels are compared to British standard steels, and the improvements that would be necessary to equal British Standards are discussed. Orig. art. has: 3 figures and 2 tables. [JPRS: 34,779]

SUB CODE: 11, 05 / SUBM DATE: none

Card 1/1 1/2 S

L 8265-66

ACCESSION NR: AP5018475

AUTHOR: Sobra, K.; Kalivoda, L.; Manitz, F.

TITLE: Contribution to study of splitting of plasma shock waves in accelerating tube

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 7, 1965, 534-535, and insert on p. 540a

TOPIC TAGS: plasma shock wave, shock wave structure, plasmoid acceleration, plasma magnetic field

ABSTRACT: The authors have observed that when a shock wave is accelerated between straight conductors in a plasma, the plasmoids are emitted with different velocities, thus indicating a splitting of the shock wave. Since this phenomenon is similar to that occurring in a Marshall jet, the authors attempt to attribute it to a similarity in the configuration of the internal magnetic field in both cases. Just as in the Marshall tube the magnetic field at the middle conductor is larger than at the jacket, so is the magnetic field inside straight conductors much larger at the two conductors than in the middle between them. The authors therefore express the opinion that one of the main causes of the splitting of the shock wave

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L 8265-66

ACCESSION NR: AP5018475

in a tube of straight conductors and of the plasmoid and the Marshall jet is the great nonuniformity of the internal magnetic field. "This work was carried out at the instigation of Assistant Professor J. Kracik to whom the authors are grateful." Orig. art. has: 2 figures.

ASSOCIATION: Institute of Solid State Physics, Czechoslovak Academy of Sciences, Prague; Electrotechnical Faculty, Czechoslovak Technical University, Prague

SUBMITTED: 01Mar65

ENCL: 00

SUB CODE: ME

NR REF Sov: 000

OTHER: 000

QC

Card 2/2

KALIVODA, P.; JANKOVIC, V.

Measuring the dimensions of the teeth of a cogwheel. p. 86.  
TECHNICKA PRACA. (Statne nakladatelstvo technickej literatury) Vol. 6,  
no. 2, Feb. 1954.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

KALIVODA, P.

"Construction and calculation of dimensions of shaving gears." p. 759.

STROJIRENSTVI. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO  
STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)  
Praha, Czechoslovakia, Vol. 5, no. 10, Oct. 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.  
Uncl.

BLAZEK, J.; KALIVODA, P.

"Production of noncircular gears."

p. 560 (Strojirenska Vyroba) Vol. 5, no. 12, Dec. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

KALIVODA, Pravoslav

Measurement of involute tooth flanks of geared wheels, Stroj  
vyr 11 no.6:316-317 Je '63.

1. Zavodni pobocka Ceskoslovenske vedecko-technicke spoleconosti,  
Zavody presneho strojirenstvi, n.p., Gottwaldov.

PERIANCOVA-MASAROVA, Zora; KALIVODOVA, Eva

A few remarks concerning factors influencing the qualitative and quantitative status of birds by the effect of fluorine fumes surrounding an aluminum factory. Biologia (Bratisl) 20 no.6:397-403 '65.

1. Ustav biologie krajiny Slovenskej akademie vied v Bratislave.

KALIVODA, R.

3

CZECHOSLOVAKIA

DUFEK, M., MD; EIS, J., MD; KALIVODA, R., MD; ZOULEK, D., MD.

Association for Foreign Diseases (Stredisko pro cizokrajne choroby), Prague (for all)

Prague, Prakticky lekar, No 10, 1963, pp 381-383

"The New Treatment of Helminthosis."

DUJEK, M.; BLAHA, R.; KALIVODA, R.; KALOUSKOVA, A.; STERBA, S.; ZOULEK, D.

Pyrvinium emboate (vanquine) therapy of enterobiosis. Cesk. pediat.  
20 no.11:1013-1014 N '65.

1. Stredisko pro cizokrajne choroby fakultni nemocnice v Praze 10  
(vedouci MUDr. R. Kalivoda).

KALIVODA, R.

3

CZECHOSLOVAKIA

ZOULEK, D., MD; KALIVODA, R., MD; DUFEK, M., MD; EIS, J., MD.

Association for Foreign Diseases (Stredisko pro cizokrajne choroby), Prague (for all)

Prague, Prakticky lekar, No 10, 1963, pp 388-390

"Appraisal of Health Faculties in Practice in  
Climatically and Hygienically Difficult Regions."

DUFEK, M.; BLAHA, R.; KALIVODA, R.

Treatment of lambliasis with matronidazole---Flagyl (Special).  
Cas. lek. cesk. 103 no. 37/10. 1964 11 S '64.

1. Stredisko pro cizokrajne choroby v Praze 10, (vedouci MUDr.  
R. Kalivoda).

KALIVODA, Robert, MUDr.

Tropics seen by a physician. Látecky obzor 9 no. 2146-47 F '65.

L 9744-66

ACC NR: AF6001128

SOURCE CODE: CZ/0049/65/000/002/0109/0121

AUTHOR: Feriancova-Masarova, Zora--Feriantsova-Masarova, Zora (Doctor, Candidate of sciences); Kalivodova, Eva (Graduate biologist)

ORG: Department of Biology and Wild Life, Institute of Biology, Slovak Academy of Sciences, Bratislava (Oddelenie biologie a tvorby krajiny Biologického ústavu Slovenskej akademie vied)

TITLE: Influence of the stack gases of the aluminum plant at Ziar upon Hron upon the bird population in its neighborhood

SOURCE: Biologia, no. 2, 1965, 109-121

TOPIC TAGS: air pollution, industrial waste, industrial plant, aluminum, plant injury, biologic reproduction

ABSTRACT: It seems that the population of birds is influenced mainly by the presence of fluorine. Because of the systematic fluorine discharge, trees, mainly evergreens and fruit trees, are affected; in the second step all trees, even deciduous ones, suffer. As a result of these changes, facilities for nest building by the birds are reduced. Some kinds of birds find nesting possibilities at the border areas; the areas will change in the same way as the destruction of further vegetation bases will proceed. Orig. art. has: 4 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 025 / OTH REF: 002 / SOV REF: 001  
Card 1/1 OC

FERIANCOVA - MASAROVA, Zora; KALIVODOVA, Eva; HLUCHAN, Eugen

The effect of fluorine fumes surrounding an aluminum factory  
on the fluorine content in the bones of birds. Biologia (Bratisl.)  
20 no. 6:404-410 '65.

1. Ustav biologie krajiny, Slovenskej akademie vied a Vyskumny  
ustav hygiény, Bratislava.

FERIANCOVA-MASAROVA, Zora; KALIVODOVA, Eva

A few remarks on the effect of fluorine vapors in the environment of the aluminum factory in Ziar on the Hron on the quantity of nesting birds. Biologia (Bratisl) 20 no. 5:341-347 '65.

1. Oddelenie biologie a tvorby krajiny Biologickeho ustavu Slovenskej akademie vied v Bratislave.

YURIKHIN, D.G.; KALIYANOV, N.N.; KHIR, V.V.

Change of the blood in experimental acute intestinal obstruction.  
Khir. i anest. 9 no.4:49-52 31-4p '64.

1. Kafedra obshchey khirurgii (zav. - prof. A.P. Yurikhin)  
Annitskogo meditsinskogo instituta.

(MIRA 18:3)

*Approved by DG*  
APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000620120014-5"

L-4

USSR/Cultivated Plants - Fodders.

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69264

Author : Kaliyanov, D.G.

Inst :  
Title : The Role of Perennial Grasses and Their Mixtures in Increasing Soil Fertility.

Orig Pub : Tr. Dnepropetr. s.-kh. in-ta, 1956, 6, 36-54

Abstract : The Dnepropetrovsk agricultural institute conducted experiments in the agrotechnique of cultivating perennial grasses and the selection of the most productive grass mixtures for different districts of Ukrainian SSR. The influence of perennial grasses and their mixtures was tested for accumulation of organic and mineral substances in the soil at different periods of sowing, addition of fertilizer and different methods of the use of grass fields. It was established that the effectiveness of perennial grasses in the matter of increasing soil

KALIYEV, Botay; KULAKOV, N., redaktor; SHILOV, F., redaktor; OYSTEAKH, V.,  
tekhnicheskikh redaktor

[Safety engineering under public control] Tekhnika bezopasnosti -  
pod obshchestvennyi kontrol'. Alma-Ata, Kazakhskoe gos. izd-vo,  
1956. 11 p. (MIRA 9:10)

1. Obshchestvennyy inspektor po okhrane truda shakhty in. Kirova,  
kombinata "Karagandaugol" (for Kaliyev)  
(Coal mines and mining--Safety measures)

KALIYEV, M.

Climate of the Chu River flood plain [in Kazakh with summary  
in Russian]. Vest. AN Kazakh. SSR 17 no. 3:79-83 Mr '61.  
(MIRA 14:3)  
(Chu Valley—Climate)

USTINOV, A.M.; KALIYEV, S.G.

Determining the coefficient of aerodynamic resistance of workings with  
new type supports. Nauch. trudy KNIUI no.16:140-145 '64. (MIRA 18:7)

KALIZHNIEKOVA, A. E.

CH //n

Factors that affect the level and duration of penicillin in blood. A. I. Kalizhnikova. *Trudy Leningrad. Sanit-*  
*Figur. MAP 70073-1937-79* (1930). -- The av. level of penicillin in the blood 0.5 hr. after administration is about 0.12 unit; the level is affected by individual factors and by quality of penicillin, as is the duration of its stay.

(1. M. Kosolapoff)

Translation M-84, 19 Jan 55

KALIZHNICKOVA A.I.

Serodiagnosis of epidemic hepatitis by complement fixation. Trudy  
ISQMI 30:97-101 '56. (MLRA 10:10

1. Kafedra mikrobiologii i bakteriologicheskaya laboratoriya klinik  
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta  
(zav. kafedroy - prof. M.N.Fisher; zav. laboratoriey - A.I.Kalizhn-  
kova)

(HEPATITIS, INFECTIOUS, diagnosis,  
complement fixation (Rus))

(COMPLEMENT, in various diseases,  
fixation in infect. hepatitis (Rus))

BERTOVA, D. A.; KALIZHNIKOVA, A. I.

Clinical picture of food salmonelloses and their diagnosis in  
single [cases] of food poisoning. Trudy LSGMI 67:241-248 '62.  
(MIRA 15:7)

1. Kafedra gigiyeny pitaniya s klinikoy alimentarnykh zabol-  
vaniy Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo  
instituta (sav. kafedroy - prof. Z. M. Agranovskiy).

(SALMONELLA) (FOOD POISONING)

VOLKOVA, V.G.; KALIZHNIKOVA, A.I.; KRYZHANOVSKAYA, S.V.; SERGACHEVA, L.P.

Results of a study on the sensitivity of gram-positive cecal microflora to antibiotics. Report No.1. Trudy LSGMI 66:146-150 '62. (MIRA 17:4)

1. Kafedra mikrobiologii (zav. kafedroy - prof. M.N.Fisher) i TSentral'naya bakteriologicheskaya laboratoriya (zav. laboratoriyy - A.I.Kalizhnikova) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

KALIZHNYK, S., inzh.

Land of tamed rivers. Tekh.mol. 31 no.4:3-4 '63. (MIRA 16:6)  
(Soviet Central Asia--Hydroelectric power stations)  
(Soviet Central Asia--Water resources development)

KALIZHNYUK E.S.

Characteristics of the psychology of children who have had the  
hemolytic disease of the newborn. Zhur. nevr. i psikh. 64  
no.7:1048-1052 '64. (MIRA 17:12)

1. Kafedra detskoy psikiatrii (zaveduyushchiy - prof. G.Ye. Sukhareva)  
TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

KALIZHNYUK, S. [initials]

KALIZHNYUK, S.

Main Turkmen Canal

Conquest of the desert. Tekh. molod., No. 2, 1952.

Tekhnika - Molodezhi

(1952)

Monthly List of Russian Accessions, Library of Congress, June 1952, UNCLASSIFIED.

1. K/LIZHNYUK, S.K.
2. USSR, (600)
4. Main Turkmen Canal
7. Building the Main Turkmen Canal, and the tasks of science. Izv.AN MSSSR  
Otd.tekh,nauk no. 9, 1952
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

KALIEHNYUK, S.K.

A canal in the desert. Vokrug sveta no.10:2-7 0 '54. (MIR 7:10)

1. Zamestitel' ministra vodnogo khozyaystva Turkmenekoy SSR.  
(Kara-Kum canal)

KALIZHNYUK, S.K., inzh.; MELAMUT, D.L., kand.tekhn.nauk; SILAGADZE, V.A.,  
inzh.

Results of cofferdamming with sand and gravel. Gidr.stroi. 34  
no.11:10-15 N '63. (MIRA 17:3)

PAPO, Roza; sanitetski pukovnik docent, dr.; KALJAKOVIC, Ratko, sanitetski pukovnik, docent, dr.; RADOJEVIC, Radmila, sanitetski potpukovnik, dr.

Corticosteroids in the treatment of infectious hepatitis and our experience during the period of 1953-1963. Vojnosanit. pregl. 21 no.5:334-338 My '64

1. Klinika za zarazne bolesti, Vojnomedicinska akademija u Beogradu.

KALJALOVIC, R.; RADOJVIC, R.

Contribution to the knowledge of persistent protracted ulcerous  
colitis. Med. glasn. 8 no.1:18-20 Ja '54.

1. Zarazno odjeljenje Vojno-medicinske akademije u Beogradu  
(nacelnik puk. dr. Roza Papo)  
(COLITIS, ULCERATIVE, ther.)

\*

*KALJALOVIC - R.*

PAPO, Roza, pukovnik, dr.; KALJALOVIC, Ratko, major dr.

Personal observations and analysis of cases of intestinal  
amebiasis. Voj. san. pregl., Beogr. 11 no.9-10:350-355 Sept-  
Oct 54.

1. Zarazno odeljenje VMA  
(AMEBIASIS, INTESTINAL)

NIKOLIC, M.; PAPO, R.; KALJALOVIC, R.

Aerogenic infections in our hospitals. Higijena Beogr. 11 no. 2-3:  
151-157 '59.

(AIR microbiol.)  
(COMMUNICABLE DISEASES transm.)  
(HOSPITALS)

PAPO, R., sanitetski pukovnik doc. d-r; KALJALOVIC, R., sanitetski  
potpukovnik d-r

Value of auxiliary methods in the early diagnosis of meningitis with  
clear cerebrospinal fluid with special reference to tuberculous  
etiology. Voj.san.pregl., Beogr. 17 no.6:660-663 Je '60.

1. Vojnomedicinsak Akademija u Beogradu, Odjeljenje za infektivne  
bolesti.  
(TUBERCULOSIS MENINGEAL diag)

KALJALOVIC, R., sanitetski potpukovnik, dr.; RADOJEVIC, R., sanitetski potpukovnik, dr.; OBERSLIK, J., sanitetski potpukovnik mr ph

Serum copper and iron values in patients with jaundice of various etiology. Voj.san.pregl. 18 no.6/7:540-543 Je-Jl '61.

1. Vojnomedicinska akademija u Beogradu, Odeljenje za infektivne bolesti, Centralna medicinska laboratorija.

(HEPATITIS INFECTIOUS blood) (JAUNDICE blood)  
(IRON blood) (COPPER blood)

KALJALOVIC, Ratko

Clinical features, therapy and diets for patients with typhus  
during the War of Liberation. The period of partisan activities.  
(1941-1944). Srpski arh. celok. lek. 89 no.12:1383-1390 D '61.

(TYPHUS hist) (WAR)

KALJALOVIC, Ratko, sanitetski pukownik dr; ROMANO, Mairinka, sanitetski potpukownik  
mr ph; VUKCEVIC, Zagorka mr ph

Our experiences in transaminase determination in infectious hepatitis.  
Vojnosanit. pregl. 19 no.9:608-612 S '62.

1. Vojnomedicinska Akademija u Beogradu, Klinika za zarazne bolesti.  
(AMINOTRANSFERASES) (HEPATITIS, INFECTIOUS)

KALJALOVIC, Ratko, sanitetski pukovnik docent dr.

A method for teaching military infectious diseases. Vojnosanit  
Pregl. 20 no.10:651-655 O '63.

VULETIN, Vladimir, sanitetski pukovnik profesor, dr.; KALJALCIC, Ratko, sanitetski pukovnik docent, dr.

Current views on the epidemiology, diagnosis, prevention and therapy of viral hepatitis. Vojnosanit. pregl. 21 no.5:305-311 May '64

1. Institut za eksperimentalnu medicinu, Klinika za zarazne bolesti, Vojnomedicinska akademija u Beogradu.

KALJALOVIC, R., sanitetski pukovnik docent, dr.

Hormones in the treatment of mumps-virus orchitis. Vojnosanit.  
pregl. 21 no.6:393-396 Je '64

1. Klinika za zarazne bolesti, Vojnomedicinska akademija u  
Beogradu.

KALJALOVIC, Ratko, sanitetski pukovnik, docent, dr.

New findings in the diagnosis, treatment and prevention of some infectious diseases. Vojnosanit. pregl. 22 no. 288-92 F 65.

1. Vojnomedicinska akademija u Beogradu, Klinika za duravne bolesti.

KOSANOVIC-CETKOVIC, Desanka, docent dr.; KALJALOVIC, Batko, sanitetski  
pukovnik docent dr.

Early factors in the prognosis of tetanus and their significance  
in the management of patients. Vojnosanit. pregl. 22 no.9:535-540  
S '65.

1. Medicinski fakultet u Beogradu, Klinika za infektivne bolesti,  
Vojnomedicinska akademija u Beogradu, Klinika za zarazne bolesti.

PAPO, Roza, prof. dr.; KALJALOVIC, Ratko, doc. dr.; RABOJEVIC, Radmila, dr.;  
BOGDANOV, Lea, doc. dr.

Controlled studies on comparative results of the treatment of  
scarlet fever with various penicillin preparations. Med. glas.  
19 no.8/9:191-194 Ag-9 '65.

1. Klinika za zarazne bolesti VMA u Beogradu (Nacelnik: prof.  
dr. R. Papo) i Mikrobioloski institut VHZ u Beogradu (Nacelnik:  
doc. dr. Dorde Heneberg).

ACC NR: AP6029581

SOURCE CODE: YU/0015/65/000/08-/0191/0194

AUTHOR: Papo, Roza (Professor; Doctor); Kaljalovic, Ratko (Docent; Doctor); Radojevic, Radmila (Doctor); Bogdanov, Lea (Docent; Doctor)

ORG: Infectious Diseases Clinic, VMA/headed by Professor, Doctor R. Papo/, Belgrade (Klinika za zarazne bolesti VMA); Microbiology Institute, VHZ/headed by Docent, Doctor D. Heneberg/, Belgrade (Mikrobioloski institut VHZ)

TITLE: Controlled studies of comparative treatment of scarlet fever with various penicillin preparations

SOURCE: Medicinski glasnik, no. 8-9, 1965, 191-194

TOPIC TAGS: penicillin, drug effect, bacterial disease

ABSTRACT: Three groups of 50 patients each, all with scarlet fever, were treated with either an oral preparation of penicillin, an injectable penicillin, or long-acting benzathine penicillin: while all 3 preparations were about equally effective on an immediate basis, the third was best in preventing reinfection or recurrence (46% versus 30% versus 6% recurrence). Orig. art. has: 4 figures.  
[JPRS: 36,599]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 001  
OTH REF: 006

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ORVIKU, K., prof.; NURM, E.; KALJO, D.; KINDLAM, M.; MANNIL, R.;  
OLLI, V.; KRESS, Rich., red.; KASS, P., tekhn. red.

[Russian-Estonian geological dictionary] Vene-Esti geoloogia  
sõnastik. Koostanud K. Orviku ja teised. Tallinn, Eesti Riiklik  
Kirjastus, 1963. 261 p. (MIRA 17:2)

1. Eesti NSV Teaduste Akadeemia. Geoloogia Instituut. 2.  
Eesti NSV Teaduste Akadeemia. Geoloogia Instituut (for Kaljo,  
Olli, Mannil). 3. Teaduste Akadeemia Keelse ja Kirjanduse  
Instituut (for Kindlam).

KALJO, D., red.

[Geology of Estonia; bibliography 1840-1959] Eesti geolo-  
gia; bibliograafia 1840-1959. Geoloogia Estoniit; Geolo-  
gia Estonii; bibliografiia 1840-1959. Tallinn, Eesti  
Riiklik Kirjastusm 1960. 170 p. (MIRA 15:8)  
(Estonia--Geology--Bibliography)  
(Bibliography--Estonia--Geology)

KALJU, Aleksander; ROOSE, N., red.; VAHTRE, I., tekhn. red.

[Diseases of the alimentary tract in infants] Vaike laste seede-  
trakti haigused. Tallinn, Eesti riiklik kirjastus, 1961. 91 p.  
(MIRA 15:5)

(DIGESTIVE ORGANS--DISEASES)

KALJUORG, R.

AGRICULTURE

Periodical: SOTSIALSTLIK POLLUMAJANDUS Vol. 14, no. 3, Feb. 1959

KALJUORG, R. Extermination of wolves is a public task. p. 132.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, No. 5,  
May 1959, Unclass.

KALJUZNI, G.

Eleven years of investigating the ten most representative kinds of grapes in Hercegovina. p. 376.

Periodical: POLJOPRIVREDNI PREGLED.

Vol. 7, no. 9/10, Sept., Oct. 1958.

AGRICULTURE

SO: Monthly List of East European Accessions (EEAI) 1C

Vol. 8, No. 4  
April 1959, Uncl.

KALIN, N. YE., EL'EMENT, S. YA. I. S. TIKNER, T. I. RUMYACVA

"The Cutaneous Method of Specific Prophylaxis of Tularemia; Communication II:  
Test of Effectiveness of Cutaneous Vaccination by Various Methods of Infection by a  
Virulent Culture of Tularemia Microbe," in the book: *Tularemia*, 21-31, Rostov-on-the-Don,  
1947

K'LIK, H.

"Reducing the Selection of Slaughtered Hogs is an Important source of  
Decreasing Prime Costs", p. 7, (GOSFODARSKA LITERATURA, Vol. 7, No. 1, Jan.  
1955, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEL), LC, Vol. 4, No. 5,  
May 1955, Uncl.

KALEV, Liubomir, dots. d-r inzh.; ZHELEV, Aleksandur, inzh.; KALKANDZHEV,  
Vasil, inzh.

Thermite welding of aluminum and steel cable wires. Tekhnika  
Bulg 12 no. 9: 7-10, 19 '63.

KALKHOFF, Barbara

Some characteristics of a standard apartment interior and standard  
furniture in Sweden. Przem drzewny 13 no.4:40 and 3 of cover Ap  
'62.

KALKHOFF, M.

KALKHOFF, M. In the matter of chemical terminology.  
p. 391 Vol. 10 no. 9 Sept. 1956  
PRZEMYSŁ SPOŁYWCZY, Warszawa Poland

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

KALKHOFF, M., mgr., inz.; MOCZYNSKI, K.

Cooperation of the Technical and Economic Information Center of  
the Fermentation Industry Institute with similar institutions in  
socialist countries. Przem spos 15 no.8:62-64 '61.

1. Redaktor dzialowy miesiecznika "Przemysl Spozywczny" (for Kalkhoff)

KAL'KO, A.G.  
3(2) p.6 PHASE I BOOK EXPLOITATION SOV/1263  
Akademiya nauk SSSR. Laboratoriya aerometodov  
Aerogeologicheskaya s"zemka melkovodnykh zon Kaspiyskogo morya  
(Aerial Geological Survey of Shallow Waters of the Caspian  
Sea) Moscow, Izd-vo AN SSSR, 1958. 139 p. 1,500 copies printed.  
Resp. Ed.: Sharkov, V.V., Candidate of Geographical Sciences; Ed.  
of Publishing House; Aron, G.M., Tech. Ed.; Bleykh, E.Yu.

PURPOSE: The book is intended for geologists and geographers.

COVERAGE: This collection of articles, profusely illustrated by  
aerial photos and maps, presents the results of experimental  
aerial photography taken by the AS USSR Laboratory of Aerial  
Methods expedition in the shallow waters of the west coast of  
Caspian Sea. Aerial photo work was done under the direction of  
K.S. Lyalikov. Field work for the project was performed with the  
help of Ye.Ya. Dmitriyev, Geologist; M.F. Murchinok, Chief  
Geologist of the Ministry of Petroleum Production USSR;

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Aerial Geological Survey (Cont.)

SOV/1263

A.A. Bakirov and A.A. Il'in, workers at the Ministry; A.A. Yakubov, V.S. Melik-Pashayev, K.A. Mamedov, A.L. Putkaradze and A.P. Ushakov, directors and workers at the former Azmorneft' and Azneft' organizations; M.V. Klenova and V.F. Solov'ev of the Institute of Geological Sciences AS USSR; M.V. Abramovich, I.I. Potapov and D.M. Suleymanov of the Geological Institute of the AS of the Azerbaiydzhan SSR; as well as S.E. Mussayev and A.I. Nikolenko of the Dagneft' Trust. There are 48 figures and photos and 106 references of which 105 are Soviet and one English.

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AVAILABLE: Library of Congress

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3-13-59

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KAL'KO, R.A., inzh.; NOVASH, V.I., kand. tekhn. nauk, dotsent

Study of resynchronization conditions in sections of an  
electric power system using the "Minsk" digital computer.  
Izv. vys. ucheb. zav.; energ. 7 no.2:90-95 F '64.  
(MIRA 17:3)

1. Belorusskiy politekhnicheskiy institut. Predstavlena  
kafedroy elektricheskikh stantsiy.

GALDKOV, V.S.; KAL'KO, Yu.A.

Machine for testing the endurance of cement materials subjected to  
bending. Zav.lab 26 no.10:1177-1179 '60. (MIRA 13:10)

1. Khar'kovskiy avtomobil'no-dorozhnyy institut.  
(Cement--Testing)

KHLAC, CSC 657

HUNGARY / Plant Physiology. Respiration and Metabolism. I-2

Abs Jour: Ref Zhur-Biol., 1958, 72571.

Author : Felföldy, Lajos F.; Kalko, Zsuzsa.  
Inst : Tigan' Scientific-Research Institute of Biology.  
Title : Investigations of the Catalase of Plants. I. Prob-  
lems of Method.

Orig Pub: Magyar tud. akad. Tihanyi biol. kutatointeset. evk.,  
1955-1956(1957), 24, 297-309.

Abstract: The optimal pH value for the reaction of the dis-  
solution of  $H_2O_2$  by catalase for all plants inves-  
tigated (sugar beets, seedlobes of sunflower, moss  
*Rhytidadelphys triquetrus*, lichen *Xanthoria* and  
others) comprises a pH of 7-8. The most active of  
the catalase in the green leaves was observed when  
they were pulverized in a phosphate buffer with  
 $NH_4OH$ , as

Card 1/2

8

KALKO, ZSUZSA

HUNGARY / Plant Physiology. Respiration and Metabolism. 1-2

Abs Jour: Ref Zhur-Biol., 1958, No 16, 72572.

Author : Felfoldy, Lajos F.; Kalko, Zsuzsa.

Inst : Hungarian Academy.

Title : Investigations of the Catalase of Plants. II. The Establishment of Metabolic Differences in Leaves of a Single Plant by Means of Studying the Catalase Activity.

Orig Pub: Magyar tud. akad. Tihanyi biol. kutatointezet. evk., 1955-1956(1957), 24, 311-321.

Abstract: The items - Chenopodium album, Convolvulus arvensis, Portulaca oleracea, Amaranthus retroflexus, Malva neglecta, Polygonum lapathifolium, Taraxacum officinale and sugar beets were studied. The catalase activity was measured in the leaves of various layers

Card 1/3

9

KALKO, ZS., FELFOLDY, L.

Some methodical observations on the use of antibiotics for preparing bacteria-free  
algal cultures. In English, p. 95

ACTA BIOLOGICA. Budapest, Hungary, Vol. 10 No. 1, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960  
Uncl.

KALKO, Zsuzsa; FELFOLDY Lajos J.M.

Notes on the method for preparing bacteria-free cultures of green algae  
by ultraviolet irradiation. Annales biol Tihany 26:343-347 '59.  
(EEAI 10:1)

(Algae) (Ultraviolet rays) (Bacteria)

SZABO, Erno; KALKO, Zsuzsa F.; FELFOLDY, Lajos J.M.

On the use of toluene as inhibitor in enzymological surveys of  
freshwater bottom deposits. *Annales biol Tihany* 28:135-138 '61.

1. Editorial Board member, "Annales Instituti Biologici  
(Tihany) Hungaricae Academiae Scientiarum" (for Felfoldy).

*KALKOWSKE, L.*  
KALKOWSKE, L.

The economic analysis of capital expenditures for the erection of an industrial establishment.

p. 34 (Budownictwo Przemysłowe) Vol. 4, No. 11, Nov. 1955, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

KALKOWSKI, L.

KALKOWSKI, L. Economic analysis of the construction of an industrial building. p. 34. BUDOWNICTWO PRZEMYSŁOWE. Warszawa, Poland. Vol. 4, No. 11, Nov. 1955

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

KALKOWSKI, L.

Economic effectiveness of modern methods of building management.

p. 289  
Vol. 27, no. 8, Aug. 1955  
PRZEGLAD BUDOWLANY  
Warszawa

SO: Monthly List of East European Accessions (EEAL), LG, Vol. 5, no. 2  
Feb. 1956

KALKOWSKI, L.; JANCZEWSKI, A.

Method for calculating economic effects of technical progress in a building-assembly enterprise. p.45.  
BUDOWNICTWO PRZEMYSŁOWE (Ministerstwo Budownictwa Przemysłowego) Warszawa  
Vol. 5, no. 1, Jan. 1956

So. East European Accessions List      Vol. 5, No. 9      September 1956

KALKOWSKI, L.: NIZINSKI, C.

Economic effectiveness of prefabricated wall elements in the construction  
of industrial workshops. P 29

PLAND

BUDOWNICTWO PRZEMYSŁOWE. (Ministerstwo Budownictwa) Warszawa, Vol. 6, no. 1,  
Jan. 1957

Monthly List of East European Accessions (EEAI) LC. Vol. 6, no. 7, July 1959

Uncl.

KALKOWSKI, W.

Investigations on territorial orientation during ontogenetic development in  
Hyponomeuta evonymellus L., Lepidoptera, Hyponomeutidae. Pt. 2. Nidal  
orientation in caterpillars. Extranidal factors in orientation. In English. p. 245.

FOLIA BIOLOGICA. (Polska Akademia Nauk, Zaklad Zoologii Doswiadczonej)  
Warszawa, Poland Vol. 6, no. 4, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

KALKOWSKI, L.

TECHNOLOGY

periodicals: *ZYDOWICTWO PRZEMYSŁU* Vol. 7, no. 6, June 1958

KALKOWSKI, L. Work productivity in the prefabricated building elements industry. p. 29

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5  
May 1959, Unclass.

KALKOWSKI, L.

Prefabricated cover plates in hydraulic engineering. p. 75.

GOSPODARKA WODNA. (Naczelnia Organizacja Techniczna) Warszawa, Poland.  
Vol. 19, no. 2, Feb. 1959.

Monthly list of East European Accessions Index (EEAT), LC, Vol. 8, no. 6,  
June 1959  
unclia.

KALKUN, V.R. (Grodno)

Clinical aspects of metastatic brain cancer. Klin. med. 41  
no.4:105-110 Ap '63. (MIRA 17:2)

1. Iz kafedry nervnykh bolezney (zav. - prof. D.K. Bogorodinskiy) I Leningradskogo meditsinskogo instituta imeni akademika I.P. Pavlova i kafedry nervnykh bolezney (zav. - prof. G.Ha. Liberzon) Grodnenskogo meditsinskogo instituta.

KALKUN, V.R.

Cerebral metastatic cancer of hypophysial origin. Zhur. nevr. i psikh.  
(MIRA 15:2)  
61 no.11:1624-1629 '61.

1. Kafedra nervnykh bolezney (zav. - prof. D.K.Bogorodinskiy) i  
Leningradskogo meditsinskogo instituta imeni Pavlova.  
(BRAIN CANCER) (PITUITARY BODY CANCER)

ARUTYUNOV, Ye.S.; KALKUN, V.R.

Pick's disease. Vop. psikh. i nevr. no.9:427-434 '62.  
(MIRA 17:1)

1. Psichiatricheskaya klinika (zav. - prof. D.S.  
Ozeretskovskiy) ~~Minika~~ nervnykh bolezney (zav. - prof.  
D.K. Bogorodinskiy) 1-go Leningradskogo meditsinskogo  
instituta imeni akademika I.P. Pavlova.

KALKUS, Jan

Use of animal glue for increasing the filler retention and  
the effectiveness of effluent save-alls. Papir a celulosa 18  
no.2:30-31 F '63.

1. Vysoka skola chemickotechnologicka, Pardubice.

KAL'KUTIN, V.A.

Reviziia i kontrol' khoziaistvennoi  
deiatel'nosti promyshlennykh predpriatii (Auditing  
and control of the economic activity of industrial  
enterprises). Moskva, Gosfinizdat, 1952. 256 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

25(3)

PHASE I BOOK EXPLOITATION

SOV/1518

Kal'kutin, Vasiliy Afanas'yevich, and Vasiliy Mitrofanovich Mitrofanov

Reviziya i kontrol' khozyaystvennoy deyatel'nosti promyshlennyykh predpriyatiy (Audit and Control of the Economic Activity of Industrial Establishments) 2nd ed., rev. and enl. Moscow, Gosfinizdat, 1957. 279 p. 5,000 copies printed.

Resp. Ed.: S.Kutyr'ev; Ed. of Publishing House: A. Kondrat'yeva;  
Tech. Ed.: A. Lebedev.

PURPOSE: This book has been approved by the Ministry of Higher Education of the USSR as a textbook for finance and economics institutes and faculties.

COVERAGE: This textbook has been written for a course entitled "Audit and Control of Economic Activity of Industrial Establishments" and as such presents the basic framework for the following topics: primary objectives and forms of economic control in the USSR; questions of organizational control at various stages of

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Audit and Control of the Economic Activity (Cont.)

SOV/1518

the build-up of socialism; principles and methods of control activities for institutions, organizations, establishments, and officials in order to enforce the observance of "socialist legality"; and the cycle of fulfillment of planned tasks, fulfillment of party directives, state decrees, etc. Docent V.M. Mitrofanov wrote the Introduction and Chapters I, II, IV, VII, X, XI, XII, and XIII, while Docent V.A. Kal'kutin wrote Chapters III, V, VI, VIII, and IX. There are no references.

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